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LOGINID:sssptal623kxg

PASSWORD:

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NEWS 4 SEP 01 New pricing for the Save Answers for SciFinder Wizard within
STN Express with Discover!
NEWS 5 SEP 01 New display format, HITSTR, available in WPIDS/WPINDEX/WPIX
NEWS 6 SEP 27 STANDARDS will no longer be available on STN
NEWS 7 SEP 27 SWETSCAN will no longer be available on STN
NEWS 8 OCT 28 KOREAPAT now available on STN
NEWS 9 NOV 18 Current-awareness alerts, saved answer sets, and current
search transcripts to be affected by CERAB, COMPUAB, ELCOM,
and SOLIDSTATE reloads

NEWS EXPRESS OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:02:28 ON 29 NOV 2004

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 11:02:37 ON 29 NOV 2004

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STRUCTURE FILE UPDATES: 28 NOV 2004 HIGHEST RN 790189-55-8

Connecting via Winsock to STN

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MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004

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=> file reg

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FULL ESTIMATED COST	0.21	0.21

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STRUCTURE FILE UPDATES: 28 NOV 2004 HIGHEST RN 790189-55-8

DICTIONARY FILE UPDATES: 28 NOV 2004 HIGHEST RN 790189-55-8

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

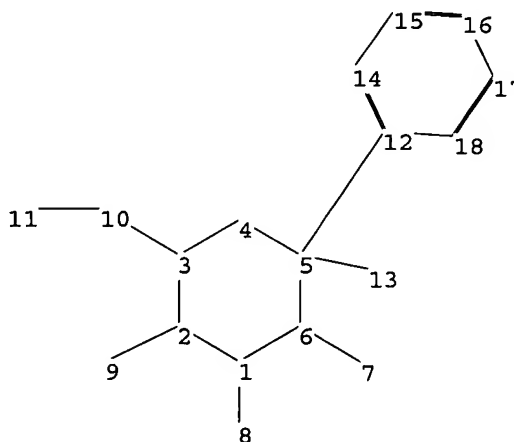
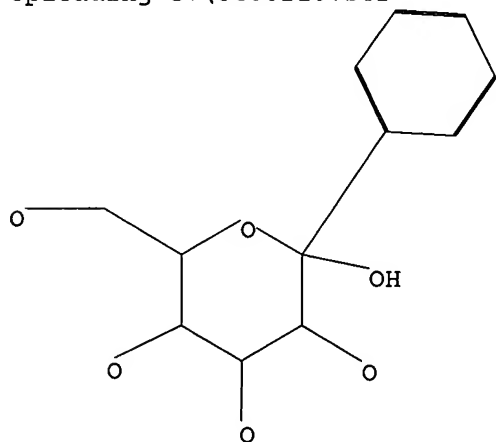
Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

Uploading c:\0406210.str



chain nodes :

7 8 9 10 11 13

ring nodes :

1 2 3 4 5 6 12 14 15 16 17 18

chain bonds :

1-8 2-9 3-10 5-12 5-13 6-7 10-11

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 12-14 12-18 14-15 15-16 16-17 17-18

exact/norm bonds :

1-2 1-6 1-8 2-3 2-9 3-4 4-5 5-6 5-13 6-7 10-11

exact bonds :

3-10 5-12

normalized bonds :

12-14 12-18 14-15 15-16 16-17 17-18

Match level :

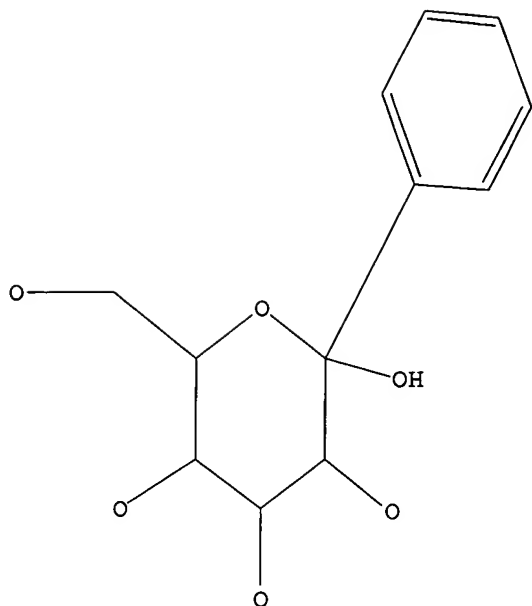
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:Atom 13:CLASS 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 11:03:07 FILE 'REGISTRY'
 SAMPLE SCREEN SEARCH COMPLETED - 43 TO ITERATE

100.0% PROCESSED 43 ITERATIONS
 SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**

PROJECTED ITERATIONS: 467 TO 1253
 PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 sss full

FULL SEARCH INITIATED 11:03:22 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 876 TO ITERATE

100.0% PROCESSED 876 ITERATIONS
 SEARCH TIME: 00.00.01

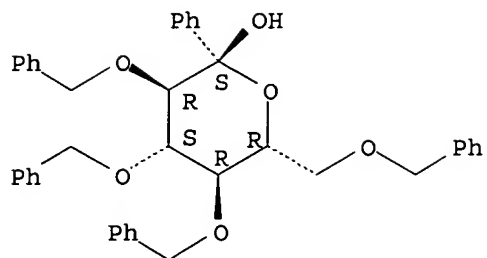
14 ANSWERS

L3 14 SEA SSS FUL L1

=> d scan

L3 14 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN α -D-Glucopyranose, 1-C-phenyl-2,3,4,6-tetrakis-O-(phenylmethyl)-
 (9CI)
 MF C40 H40 O6

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

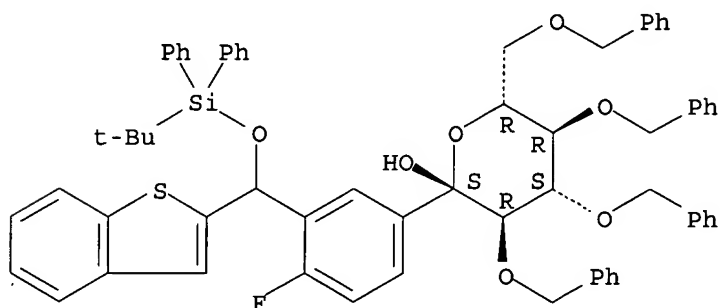
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 14 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN

IN INDEX NAME NOT YET ASSIGNED

MF C65 H63 F O7 S Si

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

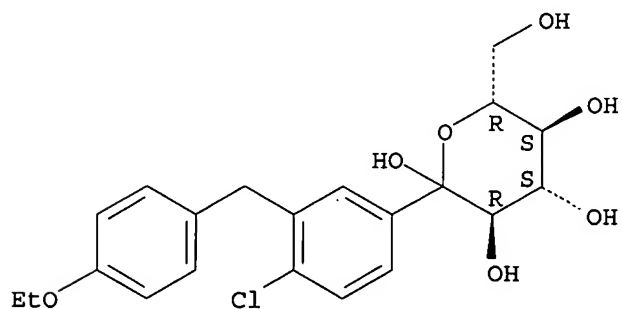
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 14 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN

IN D-Glucopyranose, 1-C-[4-chloro-3-[(4-ethoxyphenyl)methyl]phenyl] - (9CI)

MF C21 H25 Cl O7

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):end

```
=> s l3 and process
      60 PROCESS
      7 PROCESSES
      67 PROCESS
      (PROCESS OR PROCESSES)
L4      0 L3 AND PROCESS
```

=> file caplus	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	160.69	160.90

FILE 'CAPLUS' ENTERED AT 11:04:19 ON 29 NOV 2004
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FILE COVERS 1907 - 29 Nov 2004 VOL 141 ISS 23
FILE LAST UPDATED: 28 Nov 2004 (20041128/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

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=> s l3 and process
      11 L3
      2017412 PROCESS
      1338817 PROCESSES
      2997560 PROCESS
      (PROCESS OR PROCESSES)
L5      0 L3 AND PROCESS

=> s l3 and (method or syntheses? or making or produc?)
      11 L3
      2735238 METHOD
      1141481 METHODS
      3555248 METHOD
      (METHOD OR METHODS)
      1409335 SYNTHES?
      237701 MAKING
      29 MAKINGS
      237724 MAKING
      (MAKING OR MAKINGS)
      3945378 PRODUC?
      843046 PRODN
      528 PRODNS
      843226 PRODN
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(PRODN OR PRODNS)
 4357132 PRODUC?
 (PRODUC? OR PRODN)
 L6 8 L3 AND (METHOD OR SYNTHES? OR MAKING OR PRODUC?)

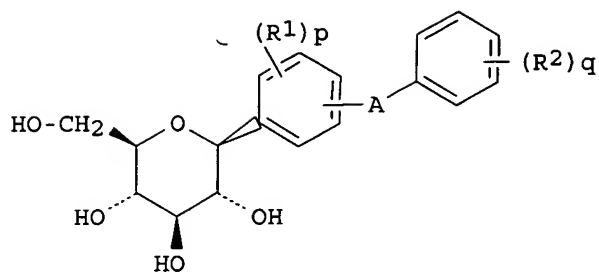
=> s l6 and (low(a)temperature or cryogenic)
 2218615 LOW
 402 LOWS
 2218886 LOW
 (LOW OR LOWS)
 505473 TEMPERATURE
 73294 TEMPERATURES
 569295 TEMPERATURE
 (TEMPERATURE OR TEMPERATURES)
 2749216 TEMP
 706035 TEMPS
 3059895 TEMP
 (TEMP OR TEMPS)
 3164902 TEMPERATURE
 (TEMPERATURE OR TEMP)
 319290 LOW(A) TEMPERATURE
 26384 CRYOGENIC
 5433 CRYOGENICS
 28418 CRYOGENIC
 (CRYOGENIC OR CRYOGENICS)

L7 0 L6 AND (LOW(A) TEMPERATURE OR CRYOGENIC)

=> dis l6 1-8 bib abs hitstr

L6 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2004:569881 CAPLUS
 DN 141:89317
 TI **Methods of producing C-aryl glucoside SGLT2 inhibitors**
 IN Deshpande, Prashant P.; Ellsworth, Bruce A.; Singh, Janak; Denzel, Theodor W.; Lai, Chiajen; Crispino, Gerard; Randazzo, Michael E.; Gougoutas, Jack Z.
 PA USA
 SO U.S. Pat. Appl. Publ., 31 pp.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004138439	A1	20040715	US 2003-745075	20031223
	WO 2004063209	A2	20040729	WO 2003-US41373	20031223
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ				
	RW:				
	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	US 2003-437847P	P	20030103		
OS	MARPAT 141:89317				
GI					



I

AB **Method** for the **production** of C-aryl glucoside SGLT2 inhibitors I, wherein useful for the treatment of diabetes and related diseases (no data) and intermediates thereof. The C-aryl glucosides may be complexed with amino acid complex forming reagents. Thus, I (R1 = H, R2 = 4-Et, p = q = 1, A = CH2) was prepared as SGLT2 inhibitor.

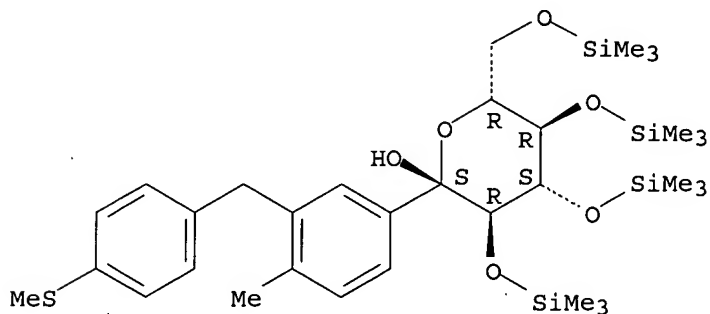
IT 714269-52-0P

RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(**methods of producing** C-aryl glucoside SGLT2 inhibitors)

RN 714269-52-0 CAPLUS

CN α -D-Glucopyranose, 1-C-[4-methyl-3-[[4-(methylthio)phenyl]methyl]phenyl]-2,3,4,6-tetrakis-O-(trimethylsilyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L6 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2003:804067 CAPLUS

DN 140:27985

TI C-Arylglucoside **synthesis**: triisopropylsilane as a selective reagent for the reduction of an anomeric C-phenyl ketal

AU Ellsworth, Bruce A.; Doyle, Abigail G.; Patel, Manorama; Caceres-Cortes, Janet; Meng, Wei; Deshpande, Prashant P.; Pullockaran, Annie; Washburn, William N.

CS Department of Metabolic Disease Discovery Chemistry, Bristol-Myers Squibb, Princeton, NJ, 08543, USA

SO Tetrahedron: Asymmetry (2003), 14(20), 3243-3247
CODEN: TASYE3; ISSN: 0957-4166

PB Elsevier Science B.V.

DT Journal

LA English

OS CASREACT 140:27985

AB Reduction of tetra-O-benzyl-protected 1C-phenylglucoside using triethylsilane and BF₃·OEt₂ has been reported (Czernecki, S.; Ville, G. J. Organic Chemical 1989, 54, 610-612) to give exclusively 2,3,4,6-tetra-O-benzyl- β -1C-phenyl-1-deoxyglucoside. We have determined that this reduction actually gives

a 4:1 mixture of anomers (β : α). We observed that the selectivity of the reduction is influenced by the steric bulk of the silane. The use of triisopropylsilane as a reducing agent gives >35:1 ratio (β : α) of 2,3,4,6-tetra-O-benzyl- β -1C-phenyl-1-deoxyglucoside.

IT 118436-89-8

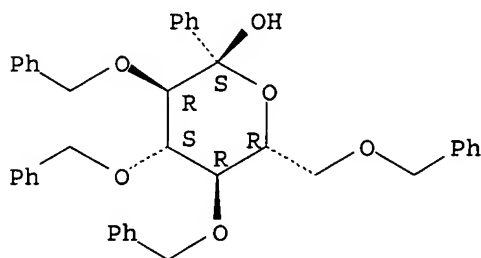
RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of 2,3,4,6-tetra-O-benzyl- β -1C-phenyl-1-deoxyglucoside using triisopropylsilane as a selective reagent for the reduction of an anomeric C-Ph ketal)

RN 118436-89-8 CAPLUS

CN α -D-Glucopyranose, 1-C-phenyl-2,3,4,6-tetrakis-O-(phenylmethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2002:736927 CAPLUS

DN 137:247879

TI Preparation of antidiabetic agents C-aryl glucoside as human SGLT2 inhibitors

IN Ellsworth, Bruce; Washburn, William N.; Sher, Philip M.; Wu, Gang; Meng, Wei

PA USA

SO U.S. Pat. Appl. Publ., 17 pp., Cont.-in-part of U.S. 6,414,126.
CODEN: USXXCO

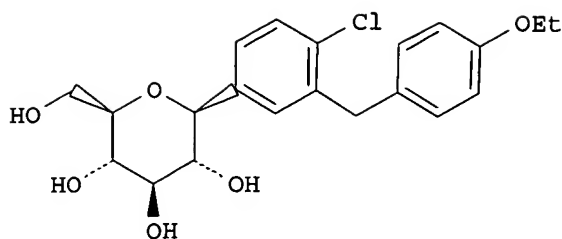
DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002137903	A1	20020926	US 2002-151436	20020520
	US 6515117	B2	20030204		
	US 6414126	B1	20020702	US 2000-679027	20001004
	ZA 2002002604	A	20030703	ZA 2002-2604	20020403
	WO 2003099836	A1	20031204	WO 2003-US15591	20030515
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	US 1999-158773P	P	19991012		
	US 2000-194615P	P	20000405		
	US 2000-679027	A2	20001004		
	US 2002-151436	A	20020520		

GI



I

AB An SGLT2 inhibiting compound is provided having the formula I **method** is also provided for treating diabetes and related diseases employing an SGLT2 inhibiting amount of the above compound alone or in combination with another antidiabetic agent or other therapeutic agent (no data). 1A pharmaceutical combination comprising an SGLT2 inhibitor compound and an antidiabetic agent other than an SGLT2 inhibitor, for treating the complications of diabetes, an anti-obesity agent, an antihypertensive agent, an antiplatelet agent, an antiatherosclerotic agent, and/or a lipid-lowering agent (no data). A **method** for treating or delaying the progression or onset of diabetes, diabetic retinopathy, diabetic neuropathy, diabetic nephropathy, delayed wound healing, insulin resistance, hyperglycemia, hyperinsulinemia, elevated blood levels of fatty acids or glycerol, hyperlipidemia, obesity, hypertriglyceridemia, Syndrome X, diabetic complications, atherosclerosis or hypertension, or for increasing high d. lipoprotein levels, which comprises administering to a mammalian species in need of treatment a therapeutically effective amount of a compd (no data).

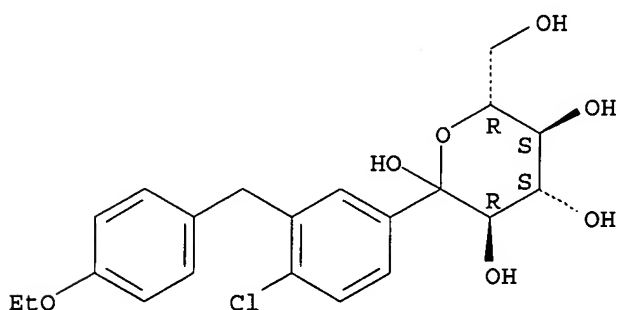
IT 461432-27-9P

RL: BSU (Biological study, unclassified); IMF (Industrial manufacture); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of antidiabetic agents C-aryl glucosides as human SGLT2 inhibitors)

RN 461432-27-9 CAPLUS

CN D-Glucopyranose, 1-C-[4-chloro-3-[(4-ethoxyphenyl)methyl]phenyl]- (9CI)
(CA INDEX NAME)

Absolute stereochemistry.



L6 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2000:502892 CAPLUS

DN 133:222904

TI Glycosylidene carbenes, Part 29: Insertion into B-C and Al-C bonds: glycosylborinates, -boranes, and -alanes

AU Wenger, Wolfgang; Vasella, Andrea

CS Laboratorium fur Organische Chemie, ETH-Zentrum, Zurich, CH-8092, Switz.

SO Helvetica Chimica Acta (2000), 83(7), 1542-1560

CODEN: HCACAV; ISSN: 0018-019X

PB Verlag Helvetica Chimica Acta

DT Journal

LA English

OS CASREACT 133:222904

AB Insertion of the glycosylidene carbenes derived from diazirines into the B-alkyl bond of B-alkyl-9-oxa-10-borabicyclo[3.3.2]decane yielded the stable glycosylborinates in 31 to 55% yields. Crystal-structure anal. of 10-[4,5-di-O-benzyl-6,8-O-benzylidene-1-C-(4-chlorophenyl)-1,2-dideoxy- β -D-glucopyranosyl]-9-oxa-10-borabicyclo[3.3.2]decane and NOEs of two derivs. show that they adopt similar conformations. The glycosylborinates are stable under acidic, basic and thermal conditions. The unprotected glycosylborinate was obtained in 80% by hydrogenolysis of 10-(2,3,4,6-tetra-O-benzyl-1-C-cyclopentyl- α -D-glucopyranosyl)-9-oxa-10-borabicyclo[3.3.2]decane. Insertion of the glycosylidene carbene derived from the tetrabenzylated gluco-diazirine into a B-C bond of BET_3 , BBu_3 , and BPh_3 led to unstable glycosylboranes that were oxidized to yield the hemiacetals in 13 to 55% yields. Insertion of the glycosylidene carbenes derived from the manno-isomer and the benzylidene-protected analog into a B-C bond of BET_3 led exclusively to hemiacetals; only the manno-isomer yielding traces of the glucal besides the hemiacetal. The glycosylidene carbene derived from the tetrabenzylated gluco-diazirine reacted with $\text{Al}(\text{iBu})_3$ and AlMe_3 to generate reactive glycosylalanes that were hydrolyzed, yielding the C-glycosides, besides the glucals; deuteriolysis instead of protonolysis led to the monodeuterio analogs, which possess an equatorial 2H-atom at the anomeric center.

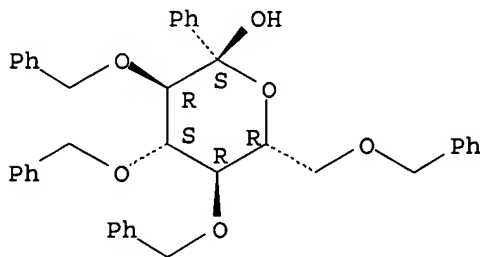
IT 118436-89-8P

RL: SPN (Synthetic preparation); PREP (Preparation)
(insertion reaction of glycosylidene carbenes into B-C and Al-C bonds
to give glycosylborinates, -boranes, and -alanes)

RN 118436-89-8 CAPLUS

CN α -D-Glucopyranose, 1-C-phenyl-2,3,4,6-tetrakis-O-(phenylmethyl)-
(9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 51 THERE ARE 51 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1992:470151 CAPLUS

DN 117:70151

TI **Synthesis** of C-glycopyranosyl compounds by a palladium-catalyzed
coupling reaction of 1-tributylstannyl-D-glucals with organic halides

AU Dubois, Eric; Beau, Jean Marie

CS Lab. Biochim. Struct., Univ. Orleans, Orleans, F-45067, Fr.

SO Carbohydrate Research (1992), 228(1), 103-20

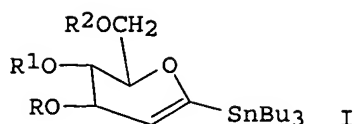
CODEN: CRBRAT; ISSN: 0008-6215

DT Journal

LA English

OS CASREACT 117:70151

GI



AB Tributylstannyl-D-glucals I ($R-R_2 = \text{CH}_2\text{Ph}$; $R = \text{CH}_2\text{Ph}$, $\text{SiMe}_2\text{CMe}_3$, $R_1R_2 = \text{CHPh}$) prepared from the corresponding 1-phenylsulfonyl-D-glucals, were coupled efficiently to various organic halides in the presence of a $\text{Pd}(0)$ catalyst. This mild reaction is specially useful for the preparation of 1-C-aryl-D-glucals and compatible with unprotected hydroxy groups or hindered aromatic bromides. It has been shown that the resulting 1-C-aryl(alkyl)-D-glycals are suited for further synthetic manipulation of the enol ether group, including stereoselective hydrogenation, hydroboration-oxidation, or epoxidn. All compds. formed resulted from the attack of the α -face of the glucal derivs. by the reagent. The reaction, extended to 1,3-, 1,4-di-, and 1,3,5-tri-bromobenzenes, leads to the corresponding sym. di-(tri)-C-glucosylbenzenes. Finally, a sequential di-C-glucosylation of 1,3-dibromobenzene with two different 1-stannylated glucals was obtained.

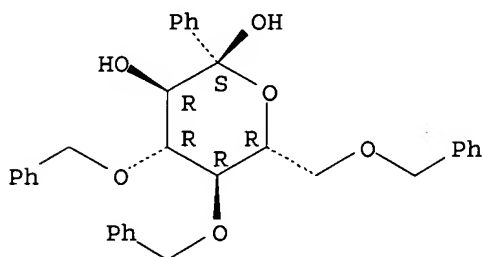
IT 142270-15-3P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 142270-15-3 CAPLUS

CN α -D-Glucopyranose, 1-C-phenyl-3,4,6-tris-O-(phenylmethyl)- (9CI)
(CA INDEX NAME)

Absolute stereochemistry.



L6 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1991:608356 CAPLUS

DN 115:208356

TI C-Glycosides. 9. Stereospecific **synthesis** of C-glycosidic spiroketal of the papulacandins

AU Czernecki, Stanislas; Perlat, Marie Claude

CS Lab. Chim. Glucides, Univ. Pierre et Marie Curie, Paris, 75005, Fr.

SO Journal of Organic Chemistry (1991), 56(22), 6289-92

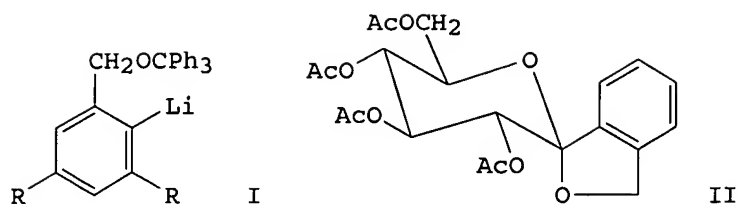
CODEN: JOCEAH; ISSN: 0022-3263

DT Journal

LA English

OS CASREACT 115:208356

GI



AB The reaction of lithiated benzyl ether I (R = H, OMe) with perbenzylated D-gluconolactone, followed by cyclization with $\text{BF}_3 \cdot \text{Et}_2\text{O}$ provides a new stereospecific **synthesis** of C-glycosidic spiroketals e.g. II. The structure of II was determined by x-ray diffraction. This methodol. is applied to the **synthesis** of the spiroketal unit of papulacandins.

IT 132814-51-8P 135877-97-3P

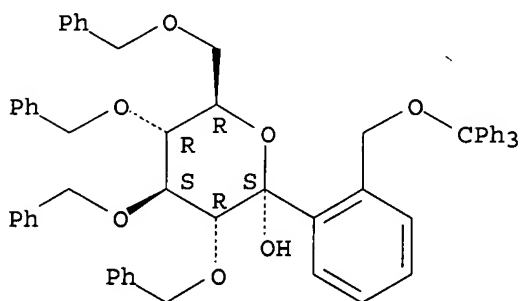
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and intramol. cyclocondensation of, spiroketal C-glycoside from)

RN 132814-51-8 CAPLUS

CN α -D-Glucopyranose, 2,3,4,6-tetrakis-O-(phenylmethyl)-1-C-[2-[(triphenylmethoxy)methyl]phenyl]- (9CI) (CA INDEX NAME)

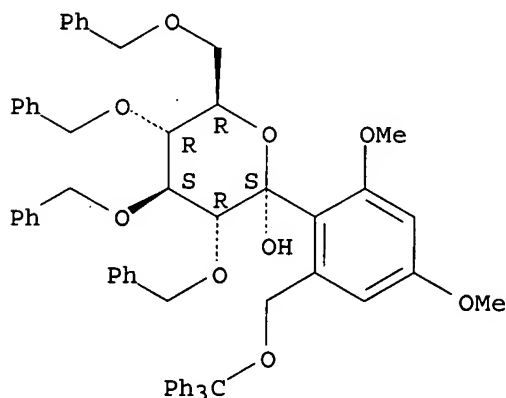
Absolute stereochemistry.



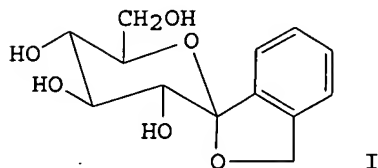
RN 135877-97-3 CAPLUS

CN α -D-Glucopyranose, 1-C-[2,4-dimethoxy-6-[(triphenylmethoxy)methyl]phenyl]-2,3,4,6-tetrakis-O-(phenylmethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

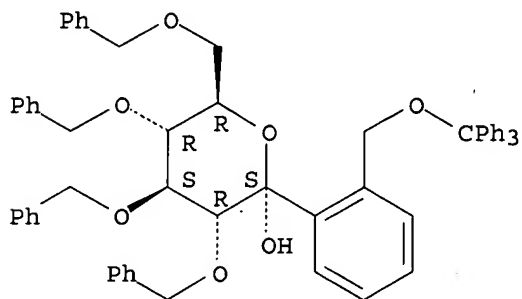


L6 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1991:143823 CAPLUS
 DN 114:143823
 TI A new two-step stereospecific **synthesis** of glycidic spiroacetals
 AU Czernecki, Stanislas; Perlat, Marie Claude
 CS Lab. Chim. Glucides, Univ. Pierre et Marie Curie, Paris, 75005, Fr.
 SO Journal of Carbohydrate Chemistry (1990), 9(6), 915-17
 CODEN: JCACDM; ISSN: 0732-8303
 DT Journal
 LA English
 OS CASREACT 114:143823
 GI



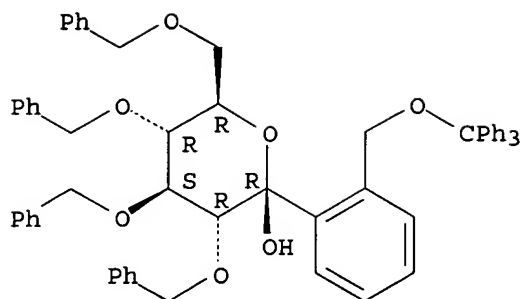
AB As part of a continuing program of C-C bond formation at the anomeric center of the sugar moiety, a new straightforward **synthesis** of spiroacetal I of the papulacandin type is reported.
 IT 132814-51-8P 132814-56-3P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and reductive cyclization of)
 RN 132814-51-8 CAPLUS
 CN α -D-Glucopyranose, 2,3,4,6-tetrakis-O-(phenylmethyl)-1-C-[2-[(triphenylmethoxy)methyl]phenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

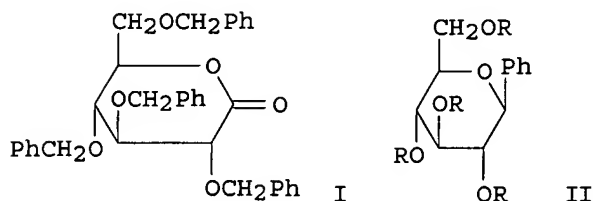


RN 132814-56-3 CAPLUS
 CN β -D-Glucopyranose, 2,3,4,6-tetrakis-O-(phenylmethyl)-1-C-[2-[(triphenylmethoxy)methyl]phenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

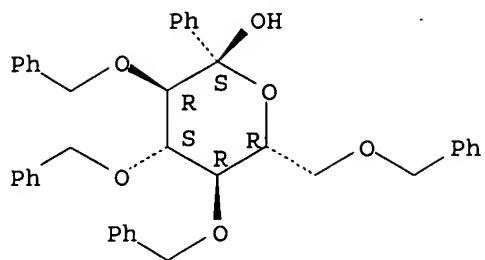


L6 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1989:95662 CAPLUS
 DN 110:95662
 TI C-Glycosides. 7. Stereospecific C-glycosylation of aromatic and heterocyclic rings
 AU Czernecki, S.; Ville, G.
 CS Lab. Chim. Glucides, Univ. Pierre et Marie Curie, Paris, 75005, Fr.
 SO Journal of Organic Chemistry (1989), 54(3), 610-12
 CODEN: JOCEAH; ISSN: 0022-3263
 DT Journal
 LA English
 OS CASREACT 110:95662
 GI



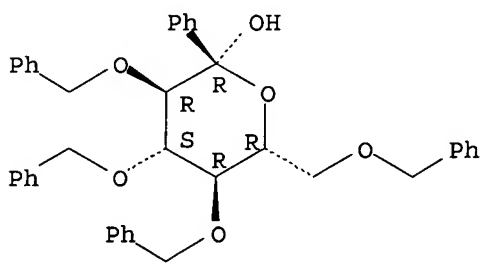
AB Stereospecific C-glycosylation of aromatic and heterocyclic rings can be realized by reacting the corresponding organolithium derivs. with benzylated lactones. Debenzylation proceeds without opening of the ring in pyrano series, but with opening in furano series. For example, glucopyranolactone I was treated with PhLi in THF at -78° and the product was reduced with Et_3SiH in MeCN in the presence of $\text{BF}_3 \cdot \text{Et}_2\text{O}$ to give C-glucoside II ($\text{R} = \text{PhCH}_2$), which on hydrogenolysis followed by acetylation gave II ($\text{R} = \text{Ac}$).
 IT 118436-89-8P 118436-90-1P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and reduction of)
 RN 118436-89-8 CAPLUS
 CN α -D-Glucopyranose, 1-C-phenyl-2,3,4,6-tetrakis-O-(phenylmethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 118436-90-1 CAPLUS
 CN β -D-Glucopyranose, 1-C-phenyl-2,3,4,6-tetrakis-O-(phenylmethyl)-
 (9CI) (CA INDEX NAME)

Absolute stereochemistry.



=> dis hist

(FILE 'HOME' ENTERED AT 11:02:28 ON 29 NOV 2004)

FILE 'REGISTRY' ENTERED AT 11:02:37 ON 29 NOV 2004

L1 STRUCTURE UPLOADED
 L2 0 S L1 SSS SAM
 L3 14 S L1 SSS FULL
 L4 0 S L3 AND PROCESS

FILE 'CAPLUS' ENTERED AT 11:04:19 ON 29 NOV 2004

L5 0 S L3 AND PROCESS
 L6 8 S L3 AND (METHOD OR SYNTHES? OR MAKING OR PRODUC?)
 L7 0 S L6 AND (LOW(A) TEMPERATURE OR CRYOGENIC)

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	54.40	215.30
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-5.60	-5.60

STN INTERNATIONAL LOGOFF AT 11:06:28 ON 29 NOV 2004

11
12